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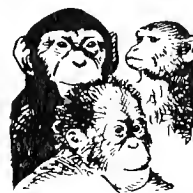


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# MAMMALS IMPORTED INTO THE UNITED STATES IN 1971



UNITED STATES DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE  
BUREAU OF SPORT FISHERIES AND WILDLIFE  
Special Scientific Report—Wildlife No. 171



UNITED STATES DEPARTMENT OF THE INTERIOR  
Fish and Wildlife Service  
Bureau of Sport Fisheries and Wildlife

**MAMMALS IMPORTED INTO THE UNITED STATES IN 1971**

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## ABSTRACT

Mammals imported into the United States in 1971 are tabulated by species and country of origin. Total numbers imported from 1968 through 1971 are given for higher taxa and for species most frequently imported. The numbers of mammals imported in 1971 decreased slightly from those imported in 1970 largely as a result of decreased importation of rabbits from Canada. Lists of rare and endangered species imported and of mammals whose importation is restricted are also given.

This report is the fourth in a series listing the numbers and species of mammals imported into the United States. As in the earlier reports (Jones, 1970; Jones and Paradiso, 1972; Paradiso and Fisher, 1972), this report is based on an analysis of import declaration forms (U.S. Department of the Interior, Bureau of Sport Fisheries and Wildlife Form 3-177) filed at ports of entry where wildlife shipments are presented for customs clearance.

The purpose of this report is to list, by species, the number of mammals declared for importation into the United States in 1971. Scientists, wildlife managers, conservationists, and others may be interested in this list because: it will indicate pressures exerted on certain populations of wild mammals and point out the need for their conservation; it may reveal species that could become pests if established in the wild; it will help mammalogists determine the source of exotic species found in the wild; it will indicate taxa of mammals that must be identified at ports of entry to prevent importation of prohibited mammals; it may suggest improvements in procedures of recording declarations of imported wildlife; and it may indicate the availability of species that are useful in research. Comparison of this list with previous ones and with lists that may be issued in the future may indicate trends or changes in importance of various species in research and in the pet trade.

## PROCEDURES

Procedures were largely as indicated in Clapp and Banks (1973). A notebook was compiled, from original and xerographic copies of forms, that listed totals by species name, by country, and by number imported. We found, as in that study, that the combinations of common and scientific names used were often of an appallingly low order of accuracy. For example, the great preponderance of raccoons were listed as *Procyon lotor*, although the area of origin for most of them suggests to us that almost all were certainly *P. cancrivorus*. Primate names, particularly those of South American species, also were frequently suspect. Peculiar combinations of common and scientific names, when taken in conjunction with known geographic ranges of the species, clearly indicated that many South American monkeys are poorly or inadequately identified on the import forms. This seemed particularly true of the genera *Cebus*, *Ateles*, and *Saguinus*, except *S. oedipus*. Soini (1972) has indicated, for example, that the principal species of tamarin exported from the Amazonian region of Peru is *Saguinus fuscicollis*, including *S. illigeri*, yet a total of only 293 of 1,472 (20%) *Saguinus* imported from Peru in 1970 and 1971 were reported on declaration forms as *illigeri* and none were reported as *fuscicollis*.

Some scientific names were also used as a "catchall" for species in a genus or even for species belonging to different families. *Coendou prehensilis*, for example, was used for porcupines from Honduras and Nicaragua although the only species in this genus occurring there is *C. mexicanus*. The name was also used for seven porcupines imported from Thailand although the animals were certainly hystricids rather than erethizontids. Frequently species were listed with only generic names although only one species occurs in the stated country of origin. For example, Three-toed Sloths were listed as *Bradypus* sp. when in a number of instances it seems almost certain that they could be safely identified as *B. infulscatus*.

As a consequence of our analysis we have in some instances rejected the identifications listed on the import declarations and have preferred to list the animals in question under less specific names. In other instances we have supplied a species identification on the basis of geographic range as well as on a consideration of the general level of taxonomic competence (or incompetence) exhibited by a given importer. Although it is possible that some errors may have been incorporated as a result of our analysis, we feel that, on the whole, our procedure has resulted in a more accurate appraisal of what animals are actually imported.

Nomenclature of mammals used in this report follows the sources listed in the preceding report (Paradiso and Fisher, 1972). Orders and families are arranged in phylogenetic sequence according to Anderson and Jones (1967); names of genera are alphabetized within each family.

This report is not intended in any way as a systematic treatment. No scientific or common names or combinations of names used herein are proposed as new names.

#### NUMBER OF MAMMALS IMPORTED, BY ORDER AND FAMILY

The following list of the number of imported mammals in the various orders and families will serve in part both as a Table of Contents and Summary of the Systematic List which follows it. Totals for 1968 through 1971 are included and should serve as a summary of the overall magnitude of mammal importations during these 4 years.

TABLE OF CONTENTS AND SUMMARY OF IMPORTATION BY ORDERS  
AND FAMILIES - 1968-1971

Page	Group	Number in Family 1971	Number in Family 1968-1971	Number in Order 1971	Number in Order 1968-1971
7	Monotremata			5	21
7	Tachyglossidae	5	21		
7	Marsupialia			1,645	5,993
7	Didelphidae	1,446	4,440		
	Dasyuridae	--	32		
	Peramelidae	--	12		
7	Phalangeridae	32	1,097		
	Phascolomidae	--	3		
8	Macropodidae	167	409		
8	Insectivora			871	2,855
8	Erinaceidae	155	705		
9	Tenrecidae	8	10		
	Solenodontidae	--	4		
	Soricidae	--	17		
9	Tupaiidae	708	2,119		
9	Dermoptera			8	14
9	Cynocephalidae	8	14		
9	Chiroptera			322	1,454 <sup>1/</sup>
9	Pteropidae	10	39		
	Noctilionidae	--	43		
	Megadermatidae	--	6		
	Rhinolophidae	--	22		
9	Phyllostomatidae <sup>2/</sup>	312	1,290 <sup>1/</sup>		
	Thyropteridae	--	*		
	Vesptertilionidae	--	5		
	Molossidae	--	49 <sup>1/</sup>		

<sup>1</sup>This total is low because no number was listed on the import declarations for some animals imported in 1968.

<sup>2</sup>This taxon includes the families Mormoopidae and Desmodontidae, which were listed separately in earlier import listings.

\*No number was listed on the 1968 import declarations.

Page	Group	Number in Family 1971	Number in Family 1968-1971	Number in Order 1971	Number in Order 1968-1971
10	Primates			79,887	380,841
10	Lemuridae	17	37		
	Indridae	--	11		
10	Lorisidae	438	1,242		
	Tarsiidae	--	1		
10	Cebidae	43,675	214,137		
13	Callithricidae	5,552	24,659		
14	Cercopithecidae	29,810	139,205		
17	Hylobatidae	139	539		
17	Pongidae	211	965		
	(Unidentifiable Primates)	45	45		
18	Edentata			634	2,537
18	Myrmecophagidae	489	1,865		
18	Bradypodidae	60	484		
19	Dasypodidae	85	188		
19	Pholidota			23	62
19	Manidae	23	62		
19	Lagomorpha			60	14,008
19	Leporidae	60	14,008		
20	Rodentia			1,742	8,211
20	Sciuridae	746	2,127		
21	Heteromyidae	20	61		
21	Pedetidae	14	42		
21	Cricetidae	71	490		
21	Muridae	290	1,446		
	Gliridae	--	10		
21	Hystriidae	17	75		
22	Erethizontidae	35	155		
22	Caviidae	30	1,771		
22	Hydrochaeridae	172	650		
22	Dinomyidae	1	18		
22	Dasyproctidae	327	1,222		
23	Chinchillidae	7	83		
	Capromyidae	--	49		
23	+Octodontidae	5	5		
23	+Echimyidae	7	7		

<sup>+</sup>Indicates a family that did not appear in previous listings.



Page	Group	Number in Family 1971	Number in Family 1968-1971	Number in Order 1971	Number in Order 1968-1971
23	Cetacea			17	100
23	+Eschrichtiidae	1	1		
	Balaenopteridae	--	3		
	Monodontidae	--	3		
24	Platanistidae	4	11		
	Phocoenidae	--	14		
24	Delphinidae	12	28		
	(Unknown)	--	40		
24	Carnivora			4,156	17,188
24	Canidae	42	135		
24	Ursidae	75	295		
25	Procyonidae	2,703	10,599		
26	Mustelidae	222	1,375		
27	Viverridae	159	224		
	Hyaenidae	--	8		
28	Felidae	955	4,552		
30	Pinnepedia			41	122
30	Otariidae	30	36		
	Odobenidae	--	4		
31	Phocidae	11	82		
	Tubulidentata			--	9
	Orycteropodidae	--	9		
31	Proboscidea			67	170
31	Elephantidae	67	170		
31	Hyracoidea			33	78
31	Procaviidae	33	78		
	Sirenia			--	6
	Trichechidae	--	6		
31	Perissodactyla			129	520
31	Equidae	109	259		
32	Tapiridae	5	228		
32	Rhinocerotidae	15	33		

+Indicates a family that did not appear in previous listings.

Page	Group	Number in Family 1971	Number in Family 1968-1971	Number in Order 1971	Number in Order 1968-1971
32	Artiodactyla			201	836
	Suidae	--	3		
	Tayassuidae	--	2		
32	Hippopotamidae	3	10		
32	Camelidae	46	106		
32	Cervidae	79	165		
33	Giraffidae	7	51		
	Antilocapridae	--	3		
33	Bovidae	66	496		
	Unknown	13	977	13	977
		<u>89,854</u>	<u>436,002</u>	<u>89,854</u>	<u>436,002</u>

# SYSTEMATIC LIST\*

Common Name	Scientific Name	Country of Origin	Number Reported
MONOTREMATA			
TACHYGLOSSIDAE			
Spiny Anteater	<i>Tachyglossus aculeatus</i>	New Guinea	1
Spiny Anteater	+ <i>Tachyglossus setosus</i>	Australia	2
New Guinean Spiny Anteater	<i>Zaglossus bruijnii</i>	New Guinea	2
MARSUPIALIA			
DIDELPHIDAE			
Woolly Opossum	<i>Caluromys derbianus</i>	Costa Rica	7
		Honduras	19
		Nicaragua	1
		Panama	4
			<u>31</u>
Murine Opossum	<i>Marmosa robinsoni</i>	Colombia	61
Murine Opossum	<i>Marmosa</i> sp.	Argentina	2
Mouse Opossum		Colombia	1,311
Pigmy Opossum		Nicaragua	12
		Peru	1
			<u>1,326</u>
Brown Four-eyed Opossum	<i>Metachirus nudicaudatus</i>	Honduras	10
Gray Four-eyed Opossum	<i>Philander opossum</i>	Nicaragua	18
PHALANGERIDAE			
Cuscus	<i>Phalanger orientalis</i>	Br. Solomon Is	4
Brush-tailed Possum	<i>Trichosurus vulpecula</i>	New Zealand	28

\*The proper scientific name appears opposite the first common name. Indented below the proper scientific name are synonyms and other combinations used in conjunction with one or more of the common names listed. All numerical entries refer to the first combination of common and scientific names listed.

+Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
MACROPODIDAE			
Doria's Tree Kangaroo	<sup>+</sup> <i>Dendrolagus dorianus</i>	New Guinea	2
Goodfellow's Tree Kangaroo	<i>Dendrolagus goodfellowi</i>	New Guinea	9
Tree Kangaroo	<i>Dendrolagus</i> sp.	New Guinea	6
Scrub Wallaby	<i>Macropus eugenii</i>	New Zealand	81
Dama Wallaby	<i>Wallabia eugenii</i>		
Wallaroo	<i>Macropus robustus</i>	Australia	2
Red-necked Wallaby	<i>Macropus rufogriseus</i>	Australia	2
Bennett's Wallaby	<i>Wallabia rufogrisea</i>	Indonesia	13
		New Zealand	6
			<u>21</u>
Red Kangaroo	<i>Megaleia rufa</i>	Australia	1
	<i>Macropus rufus</i>	Unknown	<u>1</u>
			2
Kangaroo	-----	Australia	3
Rock Wallaby	<i>Petrogale penicillata</i>	New Zealand	3
Rock Wallaby	<i>Petrogale</i> sp.	Australia	15
		Singapore	2
		New Zealand	10
			<u>27</u>
Wallaby	-----	Canada	1
		New Zealand	6
			<u>7</u>
Long-nosed Rat-Kangaroo	<sup>+</sup> <i>Potorous tridactylus</i>	Australia	4
INSECTIVORA			
ERINACEIDAE			
Senegambian Hedgehog	<i>Erinaceus albiventris</i>	Dahomey	17

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\*Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
European Hedgehog	<i>Erinaceus europaeus</i>	France	12
		Pakistan	30
		West Germany	10
			<u>52</u>
Long-eared Desert Hedgehog	<i>Hemiechinus auritus</i>	Pakistan	50
Long-eared Desert Hedgehog	<i>Hemiechinus megalotis</i>	Pakistan	9
Ethiopian Hedgehog	<i>Paraechinus aethiopicus</i>	West Germany	17
Algerian Hedgehog	-----	West Germany	10
TENRECIDAE			
Streaked Tenrec	+ <i>Hemicentetes</i> sp.	Madagascar	8
TUPAIIDAE			
Common Tree Shrew	<i>Tupaia glis</i>	Thailand	627
Tree Shrew	<i>Tupaia</i> sp.	Thailand	81
DERMOPTERA			
CYNOCEPHALIDAE			
Gliding Lemur	<i>Cynocephalus variegatus</i>	Thailand	8
CHIROPTERA			
PTEROPODIDAE			
Indian Flying Fox	<i>Pteropus giganteus</i>	Thailand	5
Gray-headed Fruit Bat	+ <i>Pteropus poliocephalus</i>	Australia	5
PHYLLOSTOMATIDAE			
Short-tailed Fruit Bat	<i>Carollia perspicillata</i>	Trinidad	40
Vampire Bat	<i>Desmodus rotundus</i>	Mexico	272

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\*Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
PRIMATES			
LEMURIDAE			
Ring-tailed Lemur	<i>Lemur catta</i>	Canada	1
		France	<u>2</u>
			3
Mongoose Lemur	<i>Lemur mongoz</i>	France	9
Ruffed Lemur	<i>Lemur variegatus</i>	Madagascar	2
		Switzerland	<u>1</u>
			3
Lesser Mouse Lemur	<i>Microcebus murinus</i>	Madagascar	2
LORISIDAE			
Angwantibo	+ <i>Arctocebus calabarensis</i>	Cameroon	1
Allen's Galago	+ <i>Galago alleni</i>	Cameroon	1
Demidoff's Galago	<i>Galago demidovii</i>	Cameroon	1
		Dahomey	<u>150</u>
			151
Senegal Galago	<i>Galago senegalensis</i>	Botswana	108
Bushbaby		Kenya	<u>53</u>
Night Ape			161
Slender Loris	<i>Loris tardigradus</i>	West Germany	2
Slow Loris	<i>Nycticebus coucang</i>	Singapore	13
		Thailand	<u>59</u>
			72
Potto	<i>Perodicticus potto</i>	Dahomey	48
Bosman's Potto		Liberia	<u>2</u>
			50
CEBIDAE			
Black Howler Monkey	+ <i>Alouatta caraya</i>	Paraguay	18

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+Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
Red Howler Monkey	<i>Alouatta seniculus</i>	Colombia	10
		Peru	1
			<u>11</u>
Mantled Howler Monkey	<i>Alouatta villosa</i> <i>Alouatta palliata</i>	Colombia	12
		Honduras	2
		Nicaragua	33
			<u>47</u>
Douroucouli Owl Monkey Night Monkey	<i>Aotus trivirgatus</i>	Colombia	3,069
		Panama	4
		Paraguay	1
		Peru	654
			<u>3,728</u>
Long-haired Spider Monkey	<i>Ateles belzebuth</i>	Colombia	14
		Peru	27
			<u>41</u>
Brown-headed Spider Monkey	<i>Ateles fusciceps</i>	Colombia	129
Black-handed Spider Monkey	<i>Ateles geoffroyi</i>	Colombia	612
		Costa Rica	6
		Honduras	10
		Nicaragua	870
		Panama	2
		Peru	117
			<u>1,617</u>
Black Spider Monkey	<i>Ateles paniscus</i>	Peru	82
Spider Monkey	<i>Ateles sp.</i>	Colombia	15
		Peru	5
			<u>20</u>
Dusky Titi Monkey Red Titi Monkey	<i>Callicebus moloch</i> <i>Callicebus cupreus</i>	Colombia	9
		Paraguay	1
		Peru	30
			<u>40</u>
Titi Monkey	<i>Callicebus sp.</i>	Colombia	82
		Peru	52
			<u>134</u>

Common Name	Scientific Name	Country of Origin	Number Reported
White-fronted Capuchin	<i>Cebus albifrons</i>	Brazil	37
Cinnamon Ringtail	<i>Cebus aequatorialis</i>	Colombia	1,343
Ringtail Monkey		Ecuador	4
		Guyana	27
		Paraguay	69
		Peru	741
			<u>2,221</u>
Black-capped Capuchin	<i>Cebus apella</i>	Colombia	131
Tufted Capuchin	<i>Cebus paraguayanus</i>	Guyana	4
		Paraguay	497
		Peru	1,404
			<u>2,036</u>
White-throated Capuchin	<i>Cebus capucinus</i>	Brazil	3
White-faced Ringtail		Colombia	928
White-faced Sapajou		Costa Rica	1
		Ecuador	28
		Guyana	10
		Honduras	20
		Nicaragua	142
		Panama	1
			<u>1,133</u>
Weeper Capuchin	<i>Cebus nigrivittatus</i>	Colombia	22
		Paraguay	10
		Peru	1
			<u>33</u>
Capuchin	<i>Cebus sp.</i>	Paraguay	196
Woolly Monkey	<i>Lagothrix lagothricha</i>	Brazil	2
	<i>Lagothrix cana</i>	Colombia	442
		Ecuador	1
		Peru	1,781
			<u>2,226</u>
Monk Saki	<i>Pithecia monachus</i>	Colombia	15
		Guyana	5
		Peru	63
			<u>83</u>
Pale-headed Saki	<i>Pithecia pithecia</i>	Guyana	1



Common Name	Scientific Name	Country of Origin	Number Reported
Squirrel Monkey	+ <i>Saimiri oerstedii</i>	Nicaragua	2
Squirrel Monkey	<i>Saimiri sciureus</i>	Brazil	253
		Colombia	6,276
		Guyana	424
		Peru	22,924
			<u>29,877</u>
CALLITHRICIDAE			
White-fronted Marmoset	<i>Callithrix geoffroyi</i>	Brazil	24
Common Marmoset	<i>Callithrix jacchus</i>	Brazil	3
Black-eared Marmoset	<i>Callithrix penicillata</i>	Brazil	26
Pigmy Marmoset	<i>Cebuella pygmaea</i>	Colombia	127
		Peru	39
			<u>166</u>
Geoffroy's Tamarin	<i>Saguinus geoffroyi</i>	Panama	12
Red-mantled Tamarin	<i>Saguinus illigeri</i>	Peru	293
Moustached Tamarin	<i>Saguinus mystax</i>	Colombia	735 <sup>1/</sup>
		Peru	128
			<u>863</u>
White-lipped Tamarin	<i>Saguinus nigricollis</i>	Colombia	982 <sup>1/</sup>
		Guyana	8
		Peru	797
			<u>1,787</u>
Cotton-top Marmoset	<i>Saguinus oedipus</i>	Brazil	300 <sup>2/</sup>
	<i>Oedipomidas oedipus</i>	Colombia	1,999
		Peru	75
			<u>2,374</u>

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\*Indicates a species or family that did not appear in previous listings.

<sup>1</sup>Possibly these animals were misidentified or transhipped from other countries as this species is not native to the country of origin listed.

<sup>2</sup>Possibly these animals were misidentified.

Common Name	Scientific Name	Country of Origin	Number Reported
Negro Marmoset	<i>Saguinus tamarin</i>	Honduras	1
Marmoset	-----	Peru	3
CERCOPITHECIDAE			
Sooty Mangabey	<i>Cercocebus atys</i>	Ghana	3
	<i>Cercocebus fuliginosus</i>	Liberia	$\frac{1}{4}$
Grivet Monkey	<i>Cercopithecus aethiops</i>	Ethiopia	1,131
African Green Monkey		Somalia	1,080
			<u>2,211</u>
Redtail Monkey	<i>Cercopithecus ascanius</i>	Kenya	6
Diana Monkey	<i>Cercopithecus diana</i>	Ghana	1
		Liberia	4
		Sierra Leone	32
			<u>37</u>
Mona Monkey	<i>Cercopithecus mona</i>	Dahomey	8
Mona Guenon		England	1
		Ghana	5
		Liberia	1
		Sierra Leone	6
			<u>21</u>
De Brazza's Monkey	<i>Cercopithecus neglectus</i>	Kenya	3
Spot-nosed Monkey	<i>Cercopithecus nictitans</i>	Ghana	13
Putty-nosed Monkey		Liberia	3
White-nosed Monkey		Nigeria	1
Spot-nosed Guenon		Sierra Leone	8
			<u>25</u>
Allen's Swamp Monkey	<i>Cercopithecus nigroviridis</i>	England	3
Lesser Spot-nosed Monkey	+ <i>Cercopithecus petaurista</i>	Ghana	2
Vervet Monkey	<i>Cercopithecus pygerythrus</i>	Botswana	1
African Green Monkey		Kenya	275
		Tanzania	330
			<u>606</u> <sup>3/</sup>

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\*Indicates a species or family that did not appear in previous listings.

<sup>3</sup>Most of these animals were listed on the import declarations as *C. aethiops*, but we have included them as these species on the basis of the ranges given by Dandelot (1959)

Common Name	Scientific Name	Country of Origin	Number Reported
Green Monkey	+ <i>Cercopithecus sabaeus</i>	Ghana Sierra Leone	3 3 <u>64</u>
Monkey	<i>Cercopithecus</i> sp.	Ethiopia	15
Colobus Monkey	<i>Colobus guereza</i>	Kenya	7
Colobus Monkey	<i>Colobus</i> sp.	Kenya	6
Patas Monkey	<i>Erythrocebus patas</i>	Ghana Nigeria Sudan	13 90 2 <u>105</u>
Stump-tailed Macaque	<i>Macaca arctoides</i> <i>Macaca speciosa</i>	Laos Malaysia Singapore Thailand	6 127 5 1,069 <u>1,207</u>
Formosan Rock Macaque	<i>Macaca cyclopis</i>	Taiwan	20
Crab-eating Macaque	<i>Macaca fascicularis</i>	Indonesia	50
Cynomolgus Monkey	<i>Macaca irus</i>	Laos	1
Java Macaque		Malaysia	984
Longtail Macaque		Philippines	430
		Singapore	7
		Thailand	255 <u>1,727</u>
Celebes Macaque	<i>Macaca maura</i>	Singapore	6
Rhesus Macaque	<i>Macaca mulatta</i>	England	6
Rhesus Monkey		India	21,376
		Laos	6
		Pakistan	190
		S. Vietnam	1
		Thailand	518 <u>22,097</u>

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\*Indicates a species or family that did not appear in previous listings.

<sup>4</sup>Most of these animals were listed on the import declarations as *C. aethiops*, but we have included them as these species on the basis of the ranges given by Dandelot (1959).

Common Name	Scientific Name	Country of Origin	Number Reported
Pig-tailed Macaque	<i>Macaca nemestrina</i>	Indonesia	30
		Laos	6
		Malaysia	147
		Singapore	2
		Thailand	251
			<u>436</u>
Celebes Black Ape	<i>Macaca nigra</i>	Singapore	5
	<i>Cynopithecus niger</i>		
Bonnet Monkey	<i>Macaca radiata</i>	India	28
Lion-tailed Macaque	<i>Macaca silenus</i>	India	2
Barbary Ape	<i>Macaca sylvana</i>	Morocco	5
Swart Macaque	<i>Macaca</i> sp.	Thailand	34
Swart Monkey	<i>M. assamensis</i>		
Swartz	<i>M. sinica</i>		
	<i>M. speciosa</i>		
	<i>M. cynomolgus</i>		
	<i>M. silenus</i>		
Proboscis Monkey	<i>Nasalis larvatus</i>	Indonesia	2
Olive Baboon	<i>Papio anubis</i>	Ethiopia	22
	<i>P. a. doguera</i>	Ghana	2
		Kenya	530
		Senegal	50
		Tanzania	131
		Unknown	16
			<u>751</u>
Yellow Baboon	<i>Papio cynocephalus</i>	Kenya	231
		Tanzania	29
			<u>260</u>
Hamadryas Baboon	<i>Papio hamadryas</i>	Ethiopia	20
		Netherlands	2
			<u>22</u>
Guinea Baboon	<i>Papio papio</i>	Senegal	32
Baboon	<i>Papio</i> sp.	Kenya	27
Silvered Leaf Monkey	<i>Presbytis cristatus</i>	Singapore	1
		Thailand	34
			<u>35</u>

Common Name	Scientific Name	Country of Origin	Number Reported
Hanuman Langur	<i>Presbytis entellus</i>	Indonesia	1
		Thailand	19
			<u>20</u>
Banded Leaf Monkey	<i>Presbytis melalophos</i>	Malaysia	2
Dusky Langur	<i>Presbytis obscurus</i>	Malaysia	1
Spectacled Langur		Thailand	9
			<u>10</u>
Douc Langur	<i>Pygathrix nemaeus</i>	Thailand	5
Gelada Baboon	<i>Theropithecus gelada</i>	Ethiopia	20
HYLOBATIDAE			
Dark-handed Gibbon	<i>Hylobates agilis</i>	Laos	29
Black Gibbon	<i>Hylobates concolor</i>	Laos	32
White-cheeked Gibbon		Singapore	2
			<u>34</u>
White-handed Gibbon	<i>Hylobates lar</i>	Laos	14
		Singapore	13
			<u>27</u>
Siamang Gibbon	<i>Hylobates syndactylus</i> <i>Symphalangus syndactylus</i>	Singapore	42
		Thailand	1
			<u>43</u>
Gibbon	<i>Hylobates</i> sp.	Laos	6
PONGIDAE			
Chimpanzee	<i>Chimpanzee troglodytes</i>	Ghana	4
	<i>Pan troglodytes</i>	Ivory Coast	10
	<i>Anthropithecus</i>	Liberia	87
	<i>troglodytes</i>	Sierra Leone	103
		Unknown	1
			<u>205</u>
Gorilla	<i>Gorilla gorilla</i>	Congo	1
	<i>G. g. gorilla</i>	Israel	1
		West Germany	3
			<u>5</u>

Common Name	Scientific Name	Country of Origin	Number Reported
Orang-utan	<i>Pongo pygmaeus</i>	Netherlands	1
-----	(Unidentifiable Primates) <sup>5/</sup>	Colombia	1
		Kenya	2
		Laos	1
		Thailand	41
			<u>45</u>

## EDENTATA

### MYRMECOPHAGIDAE

Silky Anteater	<i>Cyclopes didactylus</i>	Costa Rica	1
		Panama	3
		Trinidad	1
			<u>5</u>
Giant Anteater	<i>Myrmecophaga tridactyla</i>	Colombia	63
Greater Anteater	<i>Myrmecophaga jubata</i>	Guyana	2
		Peru	10
			<u>75</u>
Tamandua	<i>Tamandua tetradactyla</i>	Colombia	386
Lesser Anteater		Honduras	2
		Peru	21
			<u>409</u>

### BRADYPODIDAE

Three-toed Sloth	+ <i>Bradypus infuscatus</i>	Colombia	22
		Nicaragua	3
		Peru	3
			<u>28</u>
Two-toed Sloth	<i>Choloepus didactylus</i>	Colombia	13
		Peru	2
			<u>15</u>
Two-toed Sloth	<i>Choloepus hoffmanni</i>	Colombia	4
Hoffmann's Sloth		Nicaragua	5
		Panama	5
		Peru	3
			<u>17</u>

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<sup>+</sup>Indicates a species or family that did not appear in previous listings.

<sup>5</sup>These include all primates whose names on the import forms were so inadequate (e.g. "monkey" with no scientific name listed) that we could not assign them to any family).

Common Name	Scientific Name	Country of Origin	Number Reported
DASYPODIDAE			
Naked-tailed Armadillo	+ <i>Cabassous centralis</i>	Honduras	12
Hairy Armadillo	<i>Chaetophractus villosus</i>	Paraguay	45
Nine-banded Armadillo	<i>Dasypus novemcinctus</i>	Brit. Honduras	5
		Mexico	1
		Trinidad	7
			<u>13</u>
Seven-banded Armadillo	+ <i>Dasypus septemcinctus</i>	Argentina	2
Three-banded Armadillo	<i>Tolypeutes matacus</i>	Argentina	8
Armadillo	-----	Guyana	2
		Paraguay	2
		Peru	1
			<u>5</u>
PHOLIDOTA			
MANIDAE			
Malayan Pangolin	<i>Manis javanica</i>	Thailand	13
Chinese Pangolin	<i>Manis pentadactyla</i>	Thailand	1
African Tree Pangolin	<i>Manis tricuspis</i>	Cameroon	1
Pangolin	<i>Manis</i> sp.	Thailand	8
LAGOMORPHA			
LEPORIDAE			
Snowshoe Hare	<i>Lepus americanus</i>	Canada	60

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\*Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
RODENTIA			
SCIURIDAE			
Black Flying Squirrel	<sup>+</sup> <i>Aeromys</i> sp.	Thailand	6
Finlayson's Squirrel	<i>Callosciurus finlaysoni</i>	Thailand	8
Prevost's Squirrel	<i>Callosciurus prevosti</i>	Thailand	4
Beautiful Squirrel	<i>Callosciurus</i> sp.	Thailand	136
Yellow-bellied Marmot	<sup>+</sup> <i>Marmota flaviventris</i>	Canada	4
Berdmore's Squirrel	<sup>+</sup> <i>Menetes berdmorei</i>	Thailand	1
Common Giant Flying Squirrel	<sup>+</sup> <i>Petaurista petaurista</i>	Thailand	1
Dwarf Flying Squirrel	<sup>+</sup> <i>Petinomys setosus</i> <i>Petinomys phipsoni</i>	Thailand	30
Malayan Giant Squirrel	<sup>+</sup> <i>Ratufa bicolor</i>	Thailand	2
Indian Giant Squirrel	<i>Ratufa indica</i>	Thailand	1
Tropical Red Squirrel	<i>Sciurus granatensis</i>	Colombia Honduras Nicaragua	234 2 10 <u>246</u>
Variegated Squirrel Silver Squirrel	<i>Sciurus variegatoides</i>	Honduras Nicaragua	9 73 <u>82</u>
Squirrel	<i>Sciurus</i> sp.	Colombia Honduras	25 12 <u>37</u>
Squirrel	-----	Thailand	86
Flying Squirrel	-----	Thailand	102

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<sup>+</sup>Indicates a species or family that did not appear in previous listings.



Common Name	Scientific Name	Country of Origin	Number Reported
HETEROMYIDAE			
Kangaroo Rat	<i>Dipodomys</i> sp.	Mexico	1
Spiny Pocket Mouse	+ <i>Perognathus spinatus</i>	Mexico	12
Pocket Mouse	<i>Perognathus</i> sp.	Mexico	7
PEDETIDAE			
African Jumping Hare	<i>Pedetes capensis</i>	Botswana	8
Spring Hare		Tanzania	6
			<u>14</u>
CRICETIDAE			
Gerbil	+ <i>Meriones</i> sp.	Israel	30
Wood Rat	<i>Neotoma</i> sp.	Mexico	1
Angel Island Mouse	+ <i>Peromyscus guardia</i> <i>P. g. guardia</i> <i>P. g. interparietalis</i>	Mexico	22
Deer Mouse	<i>Peromyscus</i> sp.	Costa Rica	4
		Mexico	<u>5</u>
			9
Brown Mouse	+ <i>Scotinomys</i> sp.	Costa Rica	5
Climbing Rat	+ <i>Tylomys</i> sp.	Panama	4
MURIDAE			
Pacific Rat	<i>Rattus exulans</i>	Hawaii	290
HYSTRICIDAE			
Brush-tailed Porcupine	<i>Atherurus macrourus</i>	Thailand	1
Malayan Porcupine	<i>Hystrix brachyurum</i>	Thailand	4
African Porcupine	<i>Hystrix galeata</i>	Kenya	1

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\*Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
Porcupine	-----	Malaysia	4
		Thailand	7
			<u>11</u>
ERETHIZONTIDAE			
Prehensile-tailed Porcupine	+ <i>Coendou bicolor</i>	Peru	10
Prehensile-tailed Porcupine	+ <i>Coendou mexicanus</i>	Honduras	5
		Nicaragua	9
			<u>14</u>
Prehensile-tailed Porcupine	<i>Coendou</i> sp.	Colombia	11
CAVIIDAE			
Guinea Pig	<i>Cavia porcellus</i>	Canada	20
Guinea Pig	<i>Cavia</i> sp.	Peru	10
HYDROCHAERIDAE			
Capybara	<i>Hydrochaeris hydrochaeris</i>	Brazil	5
	<i>Hydrochaeris capybara</i>	Colombia	137
		Guyana	1
		Peru	29
			<u>172</u>
DINOMYIDAE			
Pacarana	<i>Dinomys branickii</i>	Peru	1
DASYPROCTIDAE			
Paca	<i>Agouti paca</i>	Colombia	10
	<i>Cuniculus paca</i>	Guyana	1
		Honduras	3
		Nicaragua	14
		Peru	29
			<u>57</u>

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\*Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
Agouti	<i>Dasyprocta aguti</i>	Guyana	1
		Panama	4
		Peru	23
			<u>28</u>
Agouti	<i>Dasyprocta fuliginosa</i>	Brazil	5
		Colombia	22
		Guyana	2
		Peru	115
			<u>144</u>
Agouti	<i>Dasyprocta punctata</i>	Honduras	16
		Nicaragua	23
			<u>39</u>
Agouti	<i>Dasyprocta</i> sp.	Colombia	4
		Peru	32
			<u>36</u>
Acushi	<i>Myoprocta</i> sp.	Peru	23
CHINCHILLIDAE			
Viscacha	<i>Lagostomus/Lagidium</i> sp.	Argentina	4
Viscacha	+ <i>Lagidium peruanum</i>	Bolivia	3
+OCTODONTIDAE			
Brush-tailed Rat	+ <i>Octodontomys gliroides</i>	Bolivia	5
+ECHIMYIDAE			
Armored Rat	+ <i>Hopodomys gymnurus</i>	Panama	7
CETACEA			
+ESCHRICHTIIDAE			
Gray Whale	+ <i>Eschrichtius gibbosus</i>	Mexico	1

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\*Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
PLATANISTIDAE			
Amazon Dolphin	<i>Inia geoffrensis</i>	Brazil Peru	1 <u>3</u> 4
DELPHINIDAE			
Killer Whale	<i>Orcinus orca</i>	Canada	1
Gill's Bottle-nosed Dolphin	<i>Tursiops gilli</i>	Mexico	11
CARNIVORA			
CANIDAE			
Domestic Dog	<i>Canis familiaris</i>	Ghana	1
Coyote	<i>Canis latrans</i>	Canada	5
Gray Wolf	<i>Canis lupus</i>	Canada	5
Savannah Fox	<i>Cerdocyon thous</i>	Colombia	4
Maned Wolf	<i>Chrysocyon brachyurus</i>	Denmark West Germany	2 <u>1</u> 3
Fennec	<i>Fennecus zerda</i>	Italy Libya Netherlands	2 1 <u>15</u> 18
African Hunting Dog	<i>Lycaon pictus</i>	SW. Africa	3
Aardwolf	<i>Proteles cristatus</i>	SW. Africa	1
Bush Dog	<i>Speothos venaticus</i>	Guyana	2
URSIDAE			
Malayan Sun Bear	<i>Helarctos malayanus</i>	Laos Singapore Thailand	1 3 <u>25</u> 29

Common Name	Scientific Name	Country of Origin	Number Reported
Sloth Bear	<i>Melursus ursinus</i>	India	5
Asiatic Black Bear	<i>Selenarctos thibetanus</i>	India	14
Himalayan Black Bear	<i>Ursus thibetanus</i>	Thailand	13
			<u>27</u>
Bear	<i>Melursus/Selenarctos</i>	India	2
American Black Bear	<i>Ursus americanus</i>	Canada	5
Brown Bear	<i>Ursus arctos</i>	U.S.S.R.	2
Polar Bear	<i>Ursus maritimus</i>	Canada	3
		Unknown	2
			<u>5</u>
PROCYONIDAE			
Lesser Panda	<i>Ailurus fulgens</i>	India	17
Cacomistle	<sup>+</sup> <i>Bassariscus sumichrasti</i>	Brit. Honduras	1
	<i>Jentinkia sumichrasti</i>	Honduras	2
			<u>3</u>
Coati	<i>Nasua nasua</i>	Colombia	99
	<i>Nasua narica</i>	Ecuador	3
		Guyana	5
		Honduras	176
		Mexico	1
		Nicaragua	101
		Panama	9
		Paraguay	73
		Peru	661
		Unknown	1
			<u>1,129</u>
Little Coati	<sup>+</sup> <i>Nasuella olivacea</i>	Guyana	3

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<sup>+</sup>Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
Kinkajou	<i>Potos flavus</i>	Colombia	203
Honeybear		Ecuador	84
Mico Leon		Guatemala	1
		Guyana	5
		Honduras	20
		Mexico	4
		Nicaragua	23
		Peru	216
			<u>556</u>
Crab-eating Raccoon	<i>Procyon cancrivorus</i>	Colombia	950 <sup>6/</sup>
	<i>Procyon lotor</i>	Guyana	1 <sup>6/</sup>
		Honduras	2
		Nicaragua	8
			<u>961</u>
Raccoon	<i>Procyon lotor</i>	Honduras	10
		Nicaragua	24
			<u>34</u>
MUSTELIDAE			
Oriental Small-clawed Otter	<i>Amblonyx cinerea</i>	Malaysia	10
		Thailand	69
			<u>79</u>
Tayra	<i>Eira barbara</i>	Colombia	32
		Honduras	2
		Peru	16
			<u>50</u>
Grison	<i>Galictis vittata</i>	Colombia	34
		Ecuador	3
		Honduras	3
		Paraguay	2
		Peru	1
			<u>43</u>
Grison	<i>Galictis</i> sp.	Paraguay	2
Wolverine	<i>Gulo gulo</i>	Canada	1
Southern River Otter	<i>Lutra annectens</i>	Colombia	5

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<sup>6</sup>Most of these animals (929) were reported, probably erroneously, as *Procyon lotor* on the import declarations.

Common Name	Scientific Name	Country of Origin	Number Reported
Old World River Otter	<i>Lutra lutra</i>	Thailand	8
Spotted-necked Otter	+ <i>Lutra maculicollis</i>	Uganda	1
Otter	<i>Lutra</i> sp.	Peru	2
		Thailand	26
			<u>28</u>
Hooded Skunk	+ <i>Mephitis macroura</i>	Honduras	1
Ermine	<i>Mustela erminea</i>	Canada	3
Giant Otter	<i>Pteronura brasiliensis</i>	Colombia	1
VIVERRIDAE			
Binturong	<i>Arctictis binturong</i>	Thailand	2
Ring-tailed Mongoose	+ <i>Galidia elegans</i>	Madagascar	2
Genet	<i>Genetta</i> sp.	Liberia	1
Dwarf Mongoose	<i>Helogale parvula</i>	Kenya	1
Banded Palm Civet	<i>Hemigalus derbyanus</i>	Thailand	1
Mongoose	+ <i>Herpestes auro-punctatus</i>	Virgin Islands	26
Masked Palm Civet	<i>Paguma larvata</i>	Thailand	6
Common Palm Civet	<i>Paradoxurus hermaphroditus</i>	Indonesia	2
		Thailand	78
			<u>80</u>
Banded Linsang	<i>Prionodon linsang</i>	Thailand	3
Lesser Oriental Civet	<i>Viverricula indica</i>	Indonesia	1
		Thailand	36
			<u>37</u>

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+Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
FELIDAE			
Cheetah	<i>Acinonyx jubatus</i>	Somalia	7
		SW. Africa	5
		Tanzania	1
		West Germany	2
			<u>15</u>
Golden Cat	+ <i>Felis aurata</i>	Liberia	2
Leopard Cat	<i>Felis bengalensis</i>	Indonesia	1
		Japan	2
		Laos	1
		Singapore	1
		Thailand	190
		Unknown	9
		<u>204</u>	
Domestic Cat	<i>Felis catus</i>	Taiwan	2
		Thailand	1
			<u>3</u>
Jungle Cat	<i>Felis chaus</i>	Thailand	5
Puma	<i>Felis concolor</i>	Argentina	6
Cougar		Brit. Honduras	1
Mountain Lion		Canada	1
		Colombia	13
		Paraguay	16
		Peru	2
		Virgin Islands	1
		<u>40</u>	
Geoffroy's Cat	<i>Felis geoffroyi</i>	Paraguay	13
Marbled Cat	<i>Felis marmorata</i>	Malaysia	1
Ocelot	<i>Felis pardalis</i>	Brazil	7
		Bolivia	2
		Colombia	147
		Costa Rica	2
		Ecuador	14
		Guatemala	1

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<sup>+</sup>Indicates a species or family that did not appear in previous listings.



Common Name	Scientific Name	Country of Origin	Number Reported
Ocelot (cont'd)	<i>Felis pardalis</i>	Guyana	3
		Honduras	12
		Mexico	1
		Nicaragua	24
		Panama	1
		Paraguay	13
		Peru	<u>132</u>
			359
Flat-headed Cat	<i>Felis planiceps</i>	Malaysia	2
		Singapore	<u>1</u>
			3
Serval	<i>Felis serval</i>	Kenya	1
Temminck's Golden Cat	<i>Felis temmincki</i>	Thailand	4
Margay	<i>Felis wiedii</i>	Brazil	3
		Colombia	5
		Ecuador	4
		Guyana	2
		Mexico	1
		Nicaragua	12
		Panama	1
		Paraguay	24
		Peru	<u>13</u>
			65
Jaguarundi	<i>Felis yagouaroundi</i> <i>Herpailurus yagouaroundi</i>	Colombia	159
		Ecuador	3
		Honduras	6
		Nicaragua	1
		Paraguay	2
		Peru	<u>10</u>
			181
Cat	<i>Felis sp.</i>	Bolivia	1
		Brit. Honduras	1
		India	1
		Thailand	<u>2</u>
			5
Lion	<i>Leo leo</i>	England	1
		Jamaica	3
		Kenya	12
		Unknown	<u>1</u>
			17

Common Name	Scientific Name	Country of Origin	Number Reported
Jaguar	<i>Leo onca</i>	Brit. Honduras	2
	<i>Felis onca</i>	Canada	2
	<i>Panthera onca</i>	Colombia	3
		Honduras	1
		Nicaragua	3
		Panama	1
		Peru	2
			<u>14</u>
Leopard	<i>Leo pardus</i>	Canada	1
	<i>L. p. japonensis</i>	Denmark	4
		Laos	3
		Netherlands	1
		Thailand	1
			<u>10</u>
Tiger	<i>Leo tigris</i>	Canada	1
	<i>Panthera tigris</i>	Malaysia	<u>1</u> 2
Canada Lynx	<i>Lynx canadensis</i>	Canada	2
Caracal	<i>Lynx caracal</i>	Somalia	2
Clouded Leopard	<i>Neofelis nebulosa</i>	Denmark	1
		Malaysia	<u>1</u> 2
Snow Leopard	<i>Uncia uncia</i>	Denmark	2
		Netherlands	1
		U.S.S.R.	<u>2</u> 5

#### PINNIPEDIA

#### PHOCIDAE

#### OTARIIDAE

African Fur Seal	+ <i>Arctocephalus pusillus</i>	S. Africa	10
California Sea Lion	<i>Zalophus californianus</i>	Mexico	20

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<sup>+</sup>Indicates a species or family that did not appear in previous listings.

Common Name	Scientific Name	Country of Origin	Number Reported
PHOCIDAE			
Elephant Seal	<i>Mirounga angustirostris</i>	Mexico	6
Baikal Seal	<i>Pusa sibirica</i>	West Germany	5
PROBOSCIDEA			
ELEPHANTIDAE			
Indian Elephant	<i>Elephas maximus</i>	Cambodia	1
		Thailand	40
			<u>41</u>
African Elephant	<i>Loxodonta africana</i>	Kenya	19
		Rhodesia	7
			<u>26</u>
HYRACOIDEA			
PROCAVIIDAE			
Tree Hyrax	<i>Dendrohyrax dorsalis</i>	Dahomey	2
Rock Hyrax	<i>Heterohyrax syriacus</i>	Canada	3
		Ethiopia	12
			<u>15</u>
Rock Hyrax	<i>Procavia capensis</i>	Kenya	4
		SW. Africa	12
			<u>16</u>
PERISSODACTYLA			
EQUIDAE			
Burchell's Zebra	<i>Equus burchelli</i>	Kenya	41
Grant's Zebra		SW. Africa	31
		Unknown	2
			<u>74</u>
Grevy's Zebra	<i>Equus grevyi</i>	Kenya	17
Mountain Zebra	<i>Equus zebra</i>	SW. Africa	18
Hartmann's Zebra			

Common Name	Scientific Name	Country of Origin	Number Reported
TAPIRIDAE			
Asian Tapir	<i>Tapirus indicus</i>	Denmark	1
Malayan Tapir		Laos	$\frac{2}{3}$
Brazilian Tapir	<i>Tapirus terrestris</i>	Peru	2
RHINOCEROTIDAE			
White Rhinoceros	<i>Ceratotherium simum</i>	S. Africa	12
		West Germany	$\frac{2}{14}$
Black Rhinoceros	<i>Diceros bicornis</i>	Kenya	1
ARTIODACTYLA			
HIPPOPOTAMIDAE			
Pigmy Hippopotamus	<i>Choeropsis liberiensis</i>	Denmark	1
		Liberia	$\frac{2}{3}$
CAMELIDAE			
Dromedary Camel	<i>Camelus dromedarius</i>	Australia	42
Guanaco	<i>Lama guanaco</i>	Canada	3
Alpaca	<i>Lama pacos</i>	Canada	1
CERVIDAE			
Red Deer	<i>Cervus elaphus</i>	West Germany	3
Eld Deer	<i>Cervus eldi</i>	West Germany	1
Sika Deer	<i>Cervus nippon</i>	Canada	3
Formosan Sika Deer	<i>C. n. taiouanus</i>	West Germany	$\frac{3}{6}$
Pere David's Deer	<i>Elaphurus davidianus</i>	Canada	2
Red Brocket	<i>Mazama americana</i>	Mexico	7
Mule Deer	<i>Odocoileus hemionus</i>	Canada	16

Common Name	Scientific Name	Country of Origin	Number Reported
White-tailed Deer	<i>Odocoileus virginianus</i>	Canada	35
		Guatemala	<u>4</u>
			39
Reindeer	<i>Rangifer tarandus</i>	Canada	5
GIRAFFIDAE			
Giraffe	<i>Giraffa camelopardalis</i>	Australia	6
		SW. Africa	<u>1</u>
			7
BOVIDAE			
Impala	<i>Aepyceros melampus</i>	SW. Africa	1
	<i>A. m. melampus</i>	Unknown	<u>4</u>
			5
Red Hartebeest	<i>Alcelaphus buselaphus</i>	SW. Africa	3
	<i>Alcelaphus caama</i>		
Springbuck	+ <i>Antidorcas marsupialis</i>	SW. Africa	3
Gaur	+ <i>Bos gaurus</i>	West Germany	3
Ibex	<i>Capra ibex</i>	West Germany	3
Blesbok	+ <i>Damaliscus albifrons</i>	West Germany	1
Roan Antelope	<i>Hippotragus equinus</i>	SW. Africa	14
Sable Antelope	<i>Hippotragus niger</i>	SW. Africa	4
		West Germany	<u>3</u>
			7
Common Waterbuck	<i>Kobus ellipsiprymnus</i>	Unknown	1
Red Goral <sup>7/</sup>	+ <i>Naemorhedus goral</i>	West Germany	1
Domestic Sheep	<i>Ovis aries</i>	Canada	3
Dall's Sheep	<i>Ovis dalli</i>	Unknown	2

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<sup>+</sup>Indicates a species or family that did not appear in previous listings.

<sup>7</sup>This common name would apply better to *N. cranbrookii* than the species listed.

Common Name	Scientific Name	Country of Origin	Number Reported
Reedbuck	+ <i>Redunca redunca</i>	Unknown	2
Eland	<i>Taurotragus oryx</i>	SW. Africa	5
Nyala	<i>Tragelaphus angasi</i>	Unknown	2
Bushbuck	<i>Tragelaphus scriptus</i>	Unknown	2
Greater Kudu	<i>Tragelaphus strepsiceros</i>	SW. Africa	6
		West Germany	1
		Unknown	2
			<u>9</u>
UNKNOWN		Colombia	2
		Guyana	1
		SW. Africa	10
			<u>13</u>

## RESULTS AND DISCUSSION

### Yearly Comparisons and Summaries

Numbers of mammals declared for importation into the United States declined from 93,653 in 1970 to 89,854 in 1971, a decrease of 3,799 individuals representing 4.06%. This change is not very significant, however, as all of this decrease can be more than accounted for by the decreased importation of hares (*Lepus*) from Canada. As in previous years, primates constituted a large majority of all animals imported accounting for 79,887 individuals or 88.91% of the total. This figure is similar to those obtained in previous years. Other major groups were also largely imported in much the same proportions as in preceding years (see below) although the number of lagomorphs reported seems to be quite variable from year to year.

Group	Percent of Total Imports			
	1968	1969	1970	1971
Primates	87.80	88.61	83.69	88.91
Carnivora	2.75	3.75	5.19	4.63
Rodentia	2.10	1.90	1.52	1.94
Marsupialia	.95	1.73	1.06	1.83
Insectivora	.54	.62	.56	.97
Edentata	.47	.62	.58	.71
Chiroptera	.20	.35	.36	.34
Subtotal	<u>94.81</u>	<u>97.58</u>	<u>92.96</u>	<u>99.33</u>
Lagomorpha	4.52	1.63	6.49	.07
All others	.67	.79	.55	.60

\*Indicates a species or family that did not appear in previous listings.

In 1971 a smaller diversity of major taxa was recorded from the declarations than in any previous year. This may have been caused in part by our method of analysis but also may be a function of decreased total importation. Below is a comparison of the number of each of these taxal groups imported from 1968 through 1971. Numbers may vary somewhat from those presented in previous reports since some taxa listed as distinct in previous reports are considered synonymous here.

<u>Years</u>	<u>Orders</u>	<u>Families</u>	<u>Genera</u>	<u>Species</u>	<u>Mammals Imported</u>
1968	17	62	190	288	129,520
1969	19	67	202	299	122,975
1970	18	62	192	296	93,653
1971	17	57	173	275	89,854
Total Taxa					
For All Years	19	82	308	526	436,002

In 1971, 3 families, 20 genera, and 44 species were listed that did not appear in the earlier lists. From 1968 through 1971, approximately 67% of the families, 31% of the genera, and 13% of the species of mammals of the world were imported into the United States.

Table 1 lists the mammalian families most commonly imported in 1971 and compares the contribution of these families to the total number of individuals imported during the four year period covered by the reports. In general, there has been considerable consistency from year to year with only the Viverridae showing a very marked change in 1971 from the ordinal rankings of previous years. Among the most frequently imported families only the Leporidae (4th, 5th, and 3rd in ordinal rank in 1968, 1969, and 1970, respectively) showed a marked decrease in ordinal rank in 1971.

At the specific level (Table 2), Squirrel Monkeys (*Saimiri sciureus*) and Rhesus Macaques (*Macaca mulatta*) continued to account for more than one out of every two mammals imported. The thirteen most abundantly imported species, all primates and all but four of New World origin, accounted for more than four of five (83%) mammals imported.

The marked increase in the numbers of Crab-eating Raccoons (*Procyon cancrivorus*) imported is probably more apparent than real since many of the raccoons listed as *Procyon lotor* in previous reports were probably this species. Many of the other major changes involving the ranking of the thirty most frequently imported species (e.g., *Cebus apella*, *Saguinus* spp.) probably also reflect nomenclatural difficulties encountered with the import declarations. Other changes (e.g., for *Rattus exulans*, *Desmodus rotundus*) are likely a true indication of year to year fluctuations in numbers imported.

Table 1. Families making principal contribution to numerical totals - 1968-1971.

Ordinal Rank in 1968, 1969, 1970, and 1971	Family	Number Reported 1971	Percent of Total Reported 1971	Numerical Change since 1970	Number Reported 1968-1971	Percent of Total Reported 1968-1971
1	Cebidae	43,675	48.61	+	214,137	49.11
2	Cercopithecidae	29,810	33.18	-	139,205	31.93
3	Callithricidae	5,552	6.18	+	24,659	5.66
5	Procyonidae	2,703	3.01	-	10,599	2.43
7	Didelphidae	1,446	1.61	+	4,440	1.02
6	Felidae	955	1.06	-	4,552	1.04
9	Sciuridae	746	.83	+	2,127	.49
10	Tupaiidae	708	.79	+	2,119	.49
12	Myrmecophagidae	489	.54	+	1,865	.43
14	Lorisidae	438	.49	+	1,242	.28
15	Dasyproctidae	327	.36	-	1,222	.28
17	Phyllostomatidae	312	.35	+	1,290	.30
13	Muridae	290	.32	-	1,446	.33
11	Mustelidae	222	.25	+	1,375	.32
16	Pongidae	211	.23	+	965	.22
20	Hydrochaeridae	172	.19	+	650	.15
27	Macropodidae	167	.19	+	409	.09
41	Viverridae	159	.18	+	224	.05
18	Erinaceidae	155	.17	+	705	.16
21	Hylobatidae	139	.15	+	539	.12
		<hr/>	<hr/>		<hr/>	
		88,676	98.69		413,770	94.90



Table 2. Species of mammals most frequently imported.<sup>1</sup>

Ordinal Rank in 1968, 1969, 1970 and 1971	Species	Number (and percentage) of Total Imported		Number (and percentage) of Total Imported 1968-1971	
		1971		1968-1971	
1	1	1	Squirrel Monkey, <i>Saimiri sciureus</i>	29,877	(33.25)
2	2	2	Rhesus Macaque, <i>Macaca mulatta</i>	22,097	(24.59)
6	3	4	Douroucoulis, <i>Aotus trivirgatus</i>	3,728	(4.15)
8	5	7	Cotton-top Marmoset, <i>Saguinus oedipus</i>	2,374	(2.64)
9	6	6	Woolly Monkey, <i>Lagothrix lagothricha</i>	2,226	(2.48)
4	4	5	White-fronted Capuchin, <i>Cebus albifrons</i>	2,221	(2.47)
5	7	8	Grivet Monkey, <i>Cercopithecus aethiops</i>	2,211	(2.46)
16	15	17	Black-capped Capuchin, <i>Cebus apella</i>	2,036	(2.27)
7	10	25	White-lipped Tamarin, <i>Saguinus nigricollis</i>	1,787	(1.99)
11	12	12	Crab-eating Macaque, <i>Macaca fascicularis</i>	1,727	(1.92)
14	11	9	Black-handed Spider Monkey, <i>Ateles geoffroyi</i>	1,617	(1.80)
15	8	16	Stump-tailed Macaque, <i>Macaca arctoides</i>	1,207	(1.34)
12	9	11	White-throated Capuchin, <i>Cebus capucinus</i>	1,133	(1.26)
13*	18	12	Coati, <i>Nasua nasua</i>	1,129	(1.26)
--*	--*	37	Crab-eating Raccoon, <i>Procyon cancrivorus</i>	961	(1.07)
--*	--*	10	Moustached Tamarin, <i>Saguinus mystax</i>	863	(.96)
23	34	20	Olive Baboon, <i>Papio anubis</i>	751	(.84)
22	26	23	Tree Shrew, <i>Tupaia glis</i>	627	(.70)
10	17	15	Vervet Monkey, <i>Cercopithecus pygerythrus</i>	606	(.67)
21	23	21	Kinkajou, <i>Potos flavus</i>	556	(.62)
				147,756	(33.89)
				103,794	(23.81)
				17,336	(3.98)
				11,292	(2.59)
				10,683	(2.45)
				15,047	(3.45)
				10,629 <sub>2</sub>	(2.44)
				4,691	(1.08)
				7,202	(1.65)
				6,661	(1.53)
				6,140	(1.41)
				5,041	(1.16)
				6,239	(1.43)
				4,407	(1.01)
				1,110	(.25)
				2,642	(.61)
				1,976	(.45)
				2,036 <sub>2</sub>	(.47)
				4,612 <sub>2</sub>	(1.06)
				2,135	(.49)

<sup>1</sup>This table includes all species for which over 150 individuals were declared for importation in 1971.<sup>2</sup>Four year totals for *Cercopithecus aethiops* and *C. pygerythrus* are not highly accurate since we believe that a substantial number of *pygerythrus* were included with *aethiops* in the 1968, 1969, and 1970 reports. Totals for earlier years used here are estimates based on the proportions of the two species imported in 1971 and 1972.

\*Not listed in report or ordinal ranking lower than 50.

Table 2. (cont'd)

Ordinal Rank in 1968, 1969, 1970 and 1971				Species		Number (and percentage) of Total Imported 1971		Number (and percentage) of Total Imported 1968-1971	
20	27	18	21	Pig-tailed Macaque, <i>Macaca nemestrina</i>		436	(.49)	2,149	(.49)
28	28	24	22	Tamandua, <i>Tamandua tetradactyla</i>		409	(.46)	1,480	(.34)
19	24	22	23	Ocelot, <i>Felis pardalis</i>		359	(.40)	1,974	(.45)
27	33*	--	24	Red-mantled Tamarin, <i>Saguinus illigeri</i>		293	(.33)	779	(.19)
39*	--	27	25	Pacific Rat, <i>Rattus exulans</i>		290	(.32)	813	(.19)
--*	47*	34*	26	Vampire Bat, <i>Desmodus rotundus</i>		272	(.30)	542	(.12)
--	--	--	27	Yellow Baboon, <i>Papio cynocephalus</i>		260	(.29)	316	(.07)
26	32	28	28	Tropical Red Squirrel, <i>Sciurus granatensis</i>		246	(.27)	1,099	(.25)
29	30	33	29	Chimpanzee, <i>Chimpansee troglodytes</i>		205	(.23)	937	(.21)
48	29	26	30	Leopard Cat, <i>Felis bengalensis</i>		204	(.23)	952	(.29)
41	41	51	31	Jaguarundi, <i>Felis yagouaroundi</i>		181	(.20)	647	(.15)
33	35	38	32	Capybara, <i>Hydrochaeris hydrochaeris</i>		172	(.19)	650	(.15)
50*	21	52*	33	Pygmy Marmoset, <i>Cebuella pygmaea</i>		166	(.18)	1,194	(.27)
--*	45	--*	34	Senegal Galago, <i>Galago senegalensis</i>		161	(.18)	423	(.10)
--*	--*	--*	35	Demidoff's Galago, <i>Galago demidovii</i>		151	(.17)	215	(.05)
						<hr/>		<hr/>	
						83,539	(92.97)	385,599	(88.44)

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\*Not listed in report or ordinal ranking lower than 50.

## Sources of Imported Mammals

In 1971 imported mammals were received from 66 countries (Tables 3-4) as compared with 64 countries in 1970. Thirteen of these countries were not previously listed as sources of imported mammals; the total number of countries exporting mammals to the U.S. in 1970 and 1971 combined is 76. The newly listed countries accounted for a very small proportion (0.24%) of the total number of mammals imported.

Table 5 summarizes changes in numbers of mammals imported from the principal countries of origin. With the exception of Canada and Brazil, both of which exhibited significant decreases in the number exported, major sources of mammals in 1971 were largely the same as those of 1970. Three countries, Peru, India, and Colombia, accounted for over 70% of all mammals imported both years and in both years the first 20 countries listed accounted for over 97% of all importations.

Despite an overall slight decrease in importation, most regions showed little change from levels of importation in 1970 (Asia, Africa, and Central America) or increased slightly. The most pronounced regional increase was for South America from whence 53,843 animals were imported in 1971, as opposed to 50,534 in 1970, an increase of about 6.5%.

Table 3. Major sources from which the United States imported mammals in 1971.

Country of Origin, Number Imported, Percentage of Total Imported		Principal Families	Number Imported	Percentage of Total from Country	Percentage of Total in Family
1	PERU 30,590 34.04	Cebidae	27,882	91.15	63.84
		Callithricidae	1,335	4.36	24.05
		Procyonidae	877	2.87	32.45
		Dasyproctidae	222	.73	67.89
		Felidae	159	.52	16.65
		Myrmecophagidae	31	.10	6.34
		Hydrochaeridae	29	.09	16.86
		Erethizontidae	10	.03	28.57
		Caviidae	10	.03	33.33
			<u>30,555</u>	<u>99.89</u>	
2	INDIA 21,445 23.87	Cercopithecidae	21,406	99.82	71.81
		Ursidae	21	.10	28.00
		Procyonidae	17	.08	.63
		Felidae	1	.00	.10
			<u>21,445</u>	<u>100.00</u>	
3	COLOMBIA 20,913 23.27	Cebidae	13,109	62.68	30.01
		Callithricidae	3,843	18.38	69.23
		Didelphidae	1,372	6.56	94.88

Table 3. (cont'd)

Country of Origin, Number Imported, Percentage of Total Imported		Principal Families	Number Imported	Percentage of Total from Country	Percentage of Total in Family
COLOMBIA (cont'd)		Procyonidae	1,252	5.99	46.32
		Myrmecophagidae	449	2.15	91.82
		Felidae	327	1.56	34.24
		Sciuridae	259	1.24	34.72
		Hydrochaeridae	137	.66	79.65
		Mustelidae	72	.34	32.43
		Bradypodidae	39	.19	65.00
		Dasyproctidae	36	.17	11.01
			<u>20,895</u>	<u>99.91</u>	
4 THAILAND 3,937 4.38		Cercopithecidae	2,194	55.73	7.36
		Tupaiaidae	708	17.98	100.00
		Sciuridae	377	9.58	50.54
		Felidae	203	5.16	21.26
		Viverridae	126	3.20	79.25
		Mustelidae	103	2.62	46.40
		Lorisidae	59	1.50	13.47
		Elephantidae	40	1.02	59.70
		Ursidae	38	.97	50.67
		Manidae	22	.56	95.65
		Hystriidae	12	.30	70.59
		Cynocephalidae	8	.20	100.00
			<u>3,890</u>	<u>98.81</u>	
5 NICARAGUA 1,411 1.57		Cebidae	1,047	74.20	2.40
		Procyonidae	156	11.06	5.77
		Sciuridae	83	5.88	11.13
		Felidae	40	2.83	4.19
		Dasyproctidae	37	2.62	11.31
		Didelphidae	31	2.20	2.14
		Erethizontidae	9	.64	25.71
		Bradypodidae	8	.57	13.33
			<u>1,411</u>	<u>100.00</u>	
6 MALAYSIA 1,280 1.42		Cercopithecidae	1,261	98.52	4.23
		Mustelidae	10	.78	4.50
		Felidae	5	.39	.52
		Hystriidae	4	.31	23.53
			<u>1,280</u>	<u>100.00</u>	
7 KENYA 1,237 1.38		Cercopithecidae	1,085	87.71	3.64
		Equidae	58	4.69	53.21
		Lorisidae	53	4.28	12.10
		Elephantidae	19	1.54	28.34
		Felidae	13	1.05	1.36
			<u>1,228</u>	<u>99.27</u>	

Table 3. (cont'd)

Country of Origin, Number Imported, Percentage of Total Imported	Principal Families	Number Imported	Percentage of Total from Country	Percentage of Total in Family
8 ETHIOPIA	Cercopithecidae	1,208	99.02	4.05
1,220	Procaviidae	12	.98	36.36
1.36		<u>1,220</u>	<u>100.00</u>	
9 SOMALIA	Cercopithecidae	1,080	99.17	3.62
1,089	Felidae	9	.83	.94
1.21		<u>1,089</u>	<u>100.00</u>	
10 PARAGUAY	Cebidae	792	80.49	1.81
984	Procyonidae	73	7.42	2.70
1.10	Felidae	68	6.91	7.12
	Dasypodidae	47	4.78	55.29
	Mustelidae	4	.41	1.80
		<u>984</u>	<u>100.00</u>	
11 BRAZIL	Callithricidae	353	52.77	6.34
669	Cebidae	295	44.10	.68
.74	Felidae	10	1.49	1.05
		<u>658</u>	<u>98.36</u>	
12 GUYANA	Cebidae	471	92.35	1.08
510	Procyonidae	14	2.75	.52
.57	Callithricidae	8	1.57	.14
	Felidae	5	.98	.52
		<u>498</u>	<u>97.65</u>	
13 TANZANIA	Cercopithecidae	490	98.59	1.64
497	Pedetidae	6	1.21	42.86
.55	Felidae	1	.20	.10
		<u>497</u>	<u>100.00</u>	
14 PHILIPPINES	Cercopithecidae	430	100.00	1.44
430				
.48				
15 MEXICO	Phyllostomatidae	272	72.92	87.18
373	Cricetidae	28	7.51	39.44
.42	Heteromyidae	20	5.36	100.00
	Otariidae	20	5.36	66.67
	Delphinidae	11	2.95	91.67
	Cervidae	7	1.88	8.86
	Phocidae	6	1.61	54.55
		<u>364</u>	<u>97.59</u>	

Table 3. (cont'd)

Country of Origin, Number Imported, Percentage of Total Imported	Principal Families	Number Imported	Percentage of Total from Country	Percentage of Total in Family
16 HONDURAS	Procyonidae	210	58.66	7.77
358	Cebidae	32	8.94	.07
.40	Didelphidae	29	8.10	2.01
	Sciuridae	23	6.42	3.08
	Dasyproctidae	19	5.31	5.81
	Felidae	19	5.31	1.99
	Dasypodidae	12	3.35	14.12
		<u>344</u>	<u>96.09</u>	
17 (HAWAII)	Muridae	290	100.00	100.00
290				
.32				
18 PAKISTAN	Cercopithecidae	190	68.10	.64
279	Erinaceidae	89	31.90	57.42
.31		<u>279</u>	<u>100.00</u>	
19 DAHOMEY	Lorisidae	198	88.00	45.21
225	Erinaceidae	17	7.56	
.25		<u>215</u>	<u>95.56</u>	
		<u>87,737</u>		
		97.64		

Table 4. Minor sources of mammals imported into the United States in 1971. The first figure in parentheses is the number imported; the second represents the percentage of mammals in that family imported in 1971.

Country of Origin and Number Imported	Principal Groups Imported	Percentages of Total from Country
CANADA--187	Cervidae (61-77.22), Leporidae (60-100.00), Caviidae (20-66.67), Canidae (10-23.81), Ursidae (8-10.67), Felidae (7-.73), Sciuridae (4-.54), Mustelidae (4-1.80), Camelidae (4-8.70)	95.19
SIERRA LEONE--152	Pongidae (103-48.82), Cercopithecidae (49-.16)	100.00

Table 4. (cont'd)

Country of Origin and Number Imported	Principal Groups Imported	Percentages of Total From Country
ECUADOR--144	Procyonidae (87-3.22), Cebidae (33-.08), Felidae (21-2.20), Mustelidae (3-1.35)	100.00
NEW ZEALAND--134	Macropodidae (106-63.47), Phalangeridae (28-87.50)	100.00
BOTSWANA--117	Lorisidae (108-24.66), Pedetidae (8-57.14), Cercopithecidae (1-.003)	100.00
SOUTHWEST AFRICA --117	Equidae (49-44.95), Bovidae (36-54.55), Procaviidae (12-36.36), Unknown (10-76.92), Felidae (5-.52)	95.73
LAOS--108	Hylobatidae (81-58.27), Cercopithecidae (19-.06), Felidae (4-.42)	96.30
LIBERIA--103	Pongidae (87-41.23), Cercopithecidae (9-.03), Lorisidae (2-.46), Felidae (2-.21), Hippopotamidae (2-66.67)	99.03
SINGAPORE--103	Hylobatidae (57-41.01), Cercopithecidae (26-.09), Lorisidae (13-2.97)	93.20
+INDONESIA--100	Cercopithecidae (83-.28), Macropodidae (13-7.78), Viverridae (3-1.87)	99.00
NIGERIA--91	Cercopithecidae (91-.31)	100.00
AUSTRALIA--82	Camelidae (42-91.30), Macropodidae (27-16.17), Giraffidae (6-85.71) Pteropidae (5-50.00), Tachyglossidae (2-40.00)	100.00
SENEGAL--82	Cercopithecidae (82-.28)	100.00
WEST GERMANY--71	Erinaceidae (37-23.87), Bovidae (12-18.18), Cervidae (7-8.86), Phocidae (5-45.45), Pongidae (3-1.42)	90.14
PANAMA--58	Callithricidae (12-.22), Procyonidae (9-.33), Cebidae (7-.02), Echimyidae (7-100.00), Bradypodidae (5-8.33)	68.97

\*Indicates a country from which imported mammals were not recorded in 1970.

Table 4. (cont'd)

Country of Origin and Number Imported	Principal Groups Imported	Percentages of Total from Country
TRINIDAD--48	Phyllostomatidae (40-12.82), Dasypodidae (7-8.24), Myrmecophagidae (1-2.08)	100.00
GHANA--47	Cercopithecidae (42-.14), Pongidae (4-1.90), Canidae (1-2.38)	100.00
+ISRAEL--31	Cricetidae (30-42.25), Pongidae (1-.47)	100.00
+VIRGIN ISLANDS--27	Viverridae (26-16.35), Felidae (2-.21)	100.00
COSTA RICA--26	Cricetidae (9-12.68), Didelphidae (7-.48), Cebidae (7-.02)	88.46
FRANCE--23	Erinaceidae (12-7.74), Lemuridae (11-64.71)	100.00
ARGENTINA--22	Dasypodidae (10-11.76), Felidae (6-.63), Chinchillidae (4-57.14)	90.91
SOUTH AFRICA--22	Rhinocerotidae (12-80.00), Otariidae (10-33.33)	100.00
+TAIWAN--22	Cercopithecidae (20-.07), Felidae (2-.21)	100.00
NETHERLANDS--20	Canidae (15-35.71), Felidae (2-.21)	85.00
NEW GUINEA--20	Macropodidae (17-10.18), Tachyglossidae (3-60.00)	100.00
MADAGASCAR--14	Tenrecidae (8-100.00), Lemuridae (4-23.53), Viverridae (2-1.26)	100.00
BOLIVIA--11	Octodontidae (5-100.00), Chinchillidae (3-42.86), Felidae (3-.31)	100.00
DENMARK--11	Felidae (7-.73), Canidae (2-4.76)	81.82

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+Indicates a country from which imported mammals were not recorded in 1970.



Table 4. (cont'd)

Country of Origin and Number Imported	Principal Groups Imported	Percentages of Total From Country
ENGLAND--11	Cercopithecidae (10-.03)	90.91
+BRITISH HONDURAS --10	Dasypodidae (5-5.88), Felidae (4-.42)	90.00
+IVORY COAST--10	Pongidae (10-4.74)	100.00
+RHODESIA--7	Elephantidae (7-10.45)	100.00
GUATEMALA--6	Cervidae (4-5.06), Felidae (1-.10)	83.33
MOROCCO--5	Cercopithecidae (5-.02)	100.00
+BRIT. SOLOMON IS.-4	Phalangeridae (4-12.50)	100.00
CAMEROON--4	Lorisidae (3-.68), Manidae (1-4.35)	100.00
U.S.S.R.--4	Ursidae (2-2.67), Felidae (2-.21)	100.00
+JAMAICA--3	Felidae (3-.31)	100.00
ITALY--2	Canidae (2-4.76)	100.00
JAPAN--2	Felidae (2-.21)	100.00
+SUDAN--2	Cercopithecidae (2-.01)	100.00
CAMBODIA--1	Elephantidae (1-1.49)	100.00
CONGO--1	Pongidae (1-.47)	100.00
+LIBYA--1	Canidae (1-2.38)	100.00
+SOUTH VIETNAM--1	Cercopithecidae (1-.003)	100.00
SWITZERLAND--1	Lemuridae (1-5.88)	100.00
+UGANDA--1	Mustelidae (1-.45)	100.00

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\*Indicates a country from which imported mammals were not recorded in 1970.

Table 5. Comparison of Numbers of Mammals Imported 1970-1971  
from Countries Exporting to the United States.

Country of Origin	Ordinal Rank 1970	Total Imported 1970	Total Imported 1971	Numerical Change	% Change
1 Peru	1	29,870	30,590	+ 720	+ 2.41
2 India	2	22,105	21,445	- 660	- 2.99
3 Colombia	3	16,718	20,913	+ 4,195	+ 25.09
4 Thailand	5	3,287	3,937	+ 650	+ 19.77
5 Nicaragua	7	1,741	1,411	- 330	- 18.95
6 Malaysia	9	1,556	1,280	- 276	- 17.74
7 Kenya	10	1,342	1,237	- 105	- 7.82
8 Ethiopia	8	1,719	1,220	- 499	- 29.03
9 Somalia	12	628	1,089	+ 461	+ 73.41
10 Paraguay	13	553	984	+ 431	+ 77.94
11 Brazil	6	2,733	669	- 2,064	- 75.52
12 Guyana	15	449	510	+ 61	+ 13.59
13 Tanzania	11	924	497	- 427	- 46.21
14 Philippines	23	100	430	+ 330	+ 330.00
15 Mexico	20	176	373	+ 197	+ 111.93
16 Honduras	17	299	358	+ 59	+ 19.73
17 [Hawaii]	16	310	290	- 20	- 6.45
18 Pakistan	14	508	279	- 229	- 45.08
19 Dahomey	47	15	225	+ 210	+ 1,400.00
20 Canada	4	6,198	187	- 6,011	- 96.98
21 Sierra Leone	22	113	152	+ 39	+ 34.51
22 Ecuador	18	198	144	- 54	- 27.27
23 New Zealand	19	177	134	- 43	- 24.29
24 Botswana	28	59	117	+ 58	+ 98.31
25 Southwest Africa	34	34	117	+ 83	+ 244.12
26 Laos	29	54	108	+ 54	+ 100.00
27 Liberia	25	74	103	+ 29	+ 39.19
28 Singapore	26	73	103	+ 30	+ 41.10
29 Indonesia	NA	0	100	+ 100	NA
30 Nigeria	21	151	91	- 60	- 39.74
Subtotal		92,164	89,093	- 3,071	- 3.33
All other Countries*		1,489	761	- 728	- 48.89
Total		93,653	89,854	- 3,799	- 4.06

\* Includes mammals for which country of origin is unknown

## Primates Used for Research in 1971

Some data on the numbers of mammals used for research in 1971 were compiled by the Institute of Laboratory Animal Resources (ILAR News, 1972, vol. 16, no. 1). These data allow us to make a general comparison of the number of primates sold and bred<sup>1</sup> with those declared for importation in the same year. As in 1968 and 1969 (Jones, 1970; Jones and Paradiso, 1972), more species and individuals of New World primates were declared for importation in 1971 than were sold or bred in the United States, and fewer individuals of Old World primates were declared for importation than were used for research in that year. Altogether, 23,908 more primates were imported than were reported as used for research. Some of these discrepancies between the two sets of figures may have resulted from methods of gathering the data; many primates may have been either unreported or included in nondesignated categories.

In the following list (Table 6) of primates used for research in the United States in 1971, numbers of animals sold and bred in 1968 were taken from ILAR News (1972) and numbers imported are from Bureau data.

Table 6. Comparison of Numbers of Primates Used for Research  
With Numbers Imported in 1971

	Used for Research			
	Sold	Bred	Total	Imported
NEW WORLD PRIMATES				
CEBIDAE				
<i>Alouatta</i>	-	-	-	76
<i>Aotus</i>	4,308	158	4,466	3,728
<i>Ateles</i>	249	10	259	1,889
<i>Callicebus</i>	-	9	9	174
<i>Cebus</i>	541	134	675	5,619
<i>Lagothrix</i>	-	4	4	2,226
<i>Pithecia</i>	-	-	-	84
<i>Saimiri</i>	7,595	528	8,123	29,879
Subtotal	<u>12,693</u>	<u>843</u>	<u>13,536</u>	<u>43,675</u>

<sup>1</sup>Here equivalent to the numbers listed from commercial and random sources, respectively, in the ILAR tabulation. The "random sources" category possibly includes some animals caught in the wild and subsequently recovered from pounds or animal shelters as well as any obtained in the wild by the research institutions involved.

Table 6. (cont'd)

	Sold	Bred	Total	Imported
CALLITHRICIDAE				
<i>Callimico</i>	2	3	5	-
<i>Callithrix</i>	-	-	-	53
<i>Cebuella</i>	-	-	-	166
<i>Saguinus</i>	-	-	-	5,330
Marmosets	2,691	545	3,236	3
Subtotal	<u>2,693</u>	<u>548</u>	<u>3,241</u>	<u>5,552</u>
Not Designated	-	-	-	1
Total New World Primates	<u>15,386</u>	<u>1,391</u>	<u>16,777</u>	<u>49,228</u>
OLD WORLD PRIMATES				
LEMURIDAE				
<i>Lemur</i>	-	-	-	15
<i>Microcebus</i>	-	-	-	2
Subtotal	<u>-</u>	<u>-</u>	<u>-</u>	<u>17</u>
LORISIDAE				
<i>Arctocebus</i>	-	-	-	1
<i>Galago</i>	20	53	73	313
<i>Loris</i>	-	-	-	2
<i>Nycticebus</i>	-	-	-	72
<i>Perodicticus</i>	-	-	-	50
Subtotal	<u>20</u>	<u>53</u>	<u>73</u>	<u>438</u>

Table 6. (cont'd)

	Sold	Bred	Total	Imported
CERCOPITHECIDAE				
<i>Cercocebus</i>	6	47	53	4
<i>Cercopithecus</i>	2,643	192	2,835	2,935
<i>Colobus</i>	-	-	-	13
<i>Erythrocebus</i>	79	11	90	105
<i>Macaca</i>	28,430	4,963	33,393	25,567
<i>Nasalis</i>	-	-	-	2
<i>Papio</i>	1,220	1,003	2,223	1,092
<i>Presbytis</i>	-	49	49	67
<i>Pygathrix</i>	-	-	-	5
<i>Theropithecus</i>	-	-	-	20
Subtotal	<u>32,378</u>	<u>6,265</u>	<u>38,643</u>	<u>29,810</u>
HYLOBATIDAE				
<i>Hylobates</i>	6	1	7	139
PONGIDAE				
<i>Chimpanzee</i>	155	66	221	205
<i>Gorilla</i>	-	-	-	5
<i>Pongo</i>	-	-	-	1
Subtotal	155	66	221	211
Not Designated	258	-	258	44
Total Old World Primates	<u>32,817</u>	<u>6,385</u>	<u>39,202</u>	<u>30,659</u>
Total Primates	<u>48,203</u>	<u>7,776</u>	<u>55,979</u>	<u>79,887</u>

#### Imported Rare and Endangered Species

Some species of mammals listed in the Red Data Book (1972) by the International Union for the Conservation of Nature and Natural Resources were declared for importation in 1971. Numerous subspecies of rare and endangered mammals listed in the Red Data Book may have been included among mammals imported in 1971, but identifications were usually not made to subspecies on the import declarations.

Species of mammals listed in the IUCN Red Data Book in 1972, that were declared for importation into the United States in 1971, are listed in Table 7 below. Letters to the left of names indicate their status in the Red Data Book with V indicating vulnerable; R, rare; and E, endangered. Those marked with an asterisk are included on the United States' list of foreign species in danger of extinction. Except for most of the felids, which were placed on the list only recently, none could be imported during 1971 without a special permit.

Table 7. Rare and endangered species of mammals imported into the United States in 1971.

Common Name	Scientific Name	Number Imported 1971	Number Imported 1968-1971
LEMURIDAE			
* Ring-tailed Lemur	<i>Lemur catta</i>	3	73
V * Mongoose Lemur	<i>Lemur mongoz</i>	9	25
* Ruffed Lemur	<i>Lemur variegatus</i>	3	8
* Lesser Mouse Lemur	<i>Microcebus murinus</i>	2	15
CEBIDAE			
* Squirrel Monkey	<i>Saimiri oerstedii</i>	2	2
CERCOPITHECIDAE			
E * Lion-tailed Macaque	<i>Macaca silenus</i>	2	17
E * Douc Langur	<i>Pygathrix nemaeus</i>	5	35
PONGIDAE			
V Chimpanzee	<i>Chimpansee troglodytes</i>	205	937
V * Gorilla	<i>Gorilla gorilla</i>	5	26
E * Orang-utan	<i>Pongo pygmaeus</i>	1	2
MYRMECOPHAGIDAE			
V Giant Anteater	<i>Myremecophaga tridactyla</i>	75	309
CANIDAE			
V Gray Wolf	<i>Canis lupus</i>	5	18
V * Maned Wolf	<i>Chrysocyon brachyurus</i>	3	14
V African Hunting Dog	<i>Lycaon pictus</i>	3	8
R Bush Dog	<i>Speothos venaticus</i>	2	3
URSIDAE			
V Polar Bear	<i>Ursus maritimus</i>	5	17
MUSTELIDAE			
E * Giant Otter	<i>Pteronura brasiliensis</i>	1	8

Table 7. (cont'd)

Common Name	Scientific Name	Number Imported 1971	Number Imported 1968-1971
FELIDAE			
V * Cheetah	<i>Acinonyx jubatus</i>	15	158
V * Ocelot	<i>Felis pardalis</i>	359	1,974
* Margay	<i>Felis wiedii</i>	65	242
V * Jaguar	<i>Leo onca</i>	14	73
V * Leopard	<i>Leo pardus</i>	10	58
* Tiger	<i>Leo tigris</i>	2	13
V Clouded Leopard	<i>Neofelis nebulosa</i>	2	19
E * Snow Leopard	<i>Uncia uncia</i>	5	20
ELEPHANTIDAE			
V Indian Elephant	<i>Elephas maximus</i>	41	123
EQUIDAE			
V Mountain Zebra	<i>Equus zebra</i>	18	28
TAPIRIDAE			
* Brazilian Tapir	<i>Tapirus terrestris</i>	2	204
RHINOCEROTIDAE			
V Black Rhinoceros	<i>Diceros bicornis</i>	1	3
HIPPOPOTAMIDAE			
R Pygmy Hippopotamus	<i>Choeropsis liberiensis</i>	3	6
CERVIDAE			
E * Eld's Deer	<i>Cervus eldi</i>	1	4
BOVIDAE			
V * Gaur	<i>Bos gaurus</i>	3	3
		<u>872</u>	<u>4,444</u>

#### Importation of Restricted Mammals

Federal regulations (Title 50, Part 13, Section 13.5) of 1967 restrict the importation of five groups of mammals. Representatives of two of these prohibited groups were declared for importation in 1971.

Common Name	Scientific Name	Number Reported
Indian Flying Fox	<i>Pteropus giganteus</i>	5
Gray-headed Fruit Bat	<i>Pteropus poliocephalus</i>	5
Dwarf Mongoose	<i>Helogale parvula</i>	1
Mongoose	<i>Herpestes auropunctatus</i>	26

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